

APPLICANT FACSIMILE OF FORM PTO-1449

REV 7-80

U.S. DEPARTMENT OF
COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

TUI-001CP

SERIAL NO.

09/750,590

APPLICANT

Ira Herman et al.

FILING DATE

December 28, 2000

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4645- 1636

LIST OF PUBLICATIONS CITED BY APPLICANT
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U.S. PATENT DOCUMENTS

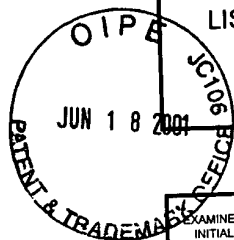
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

SSP	A1	Allen PG, et al. "Phalloidin binding and rheological differences among actin isoforms." <i>Biochemistry</i> . 1996 Nov 12;35(45):14062-9
	A2	Arber S, et al. "Regulation of actin dynamics through phosphorylation of cofilin by LIM-kinase". <i>Nature</i> . 1998 Jun 25;393(6687):805-9
	A3	Aspenstrom P, et al. "Two GTPases, Cdc42 and Rac, bind directly to a protein implicated in the immunodeficiency disorder Wiskott-Aldrich syndrome". <i>Curr Biol</i> . 1996 Jan 1;6(1):70-5
	A4	Ayscough KR. "In vivo functions of actin-binding proteins." <i>Curr Opin Cell Biol</i> . 1998 Feb;10(1):102-11
	A5	Bassell GJ, et al. "Sorting of beta-actin mRNA and protein to neurites and growth cones in culture." <i>J Neurosci</i> . 1998 Jan 1;18(1):251-65
	A6	Bea F, et al. "Cardiac alpha-actin in smooth muscle cells: detection in umbilical cord vessels and in atherosclerotic lesions." <i>Basic Res Cardiol</i> . 2000 Apr;95(2):106-13
	A7	Brault V, et al. "Substitution of flight muscle-specific actin by human (beta)-cytoplasmic actin in the indirect flight muscle of <i>Drosophila</i> ." <i>J Cell Sci</i> . 1999 Nov;112 (Pt 21):3627-39
	A8	Carlier MF. "Control of actin dynamics." <i>Curr Opin Cell Biol</i> . 1998 Feb;10(1):45-51
	A9	Clowes AW, et al. "Arterial smooth muscle cells in vivo: relationship between actin isoform expression and mitogenesis and their modulation by heparin." <i>J Cell Biol</i> . 1988 Nov;107(5):1939-45
	A10	Dugina V, et al. "Rat fibroblasts cultured from various organs exhibit differences in alpha-smooth muscle actin expression, cytoskeletal pattern, and adhesive structure organization." <i>Exp Cell Res</i> . 1998 Feb 1;238(2):481-90
	A11	Fyrberg EA, et al. "The actin genes of <i>Drosophila</i> : a dispersed multigene family." <i>Cell</i> . 1980 Feb;19(2):365-78
	A12	Genbank Accession AB046781, Homo Sapiens mRNA for KIAA1561 protein, partial cds.
↓		
Examiner	Sita Pappu	
	Date Considered	07/11/02
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SSP	B1	Genbank Accession X99145, Canis familiaris mRNA for C3VS protein
	B2	Gunning P, et al. "Actin and tropomyosin isoforms in morphogenesis." <i>Anat Embryol (Berl)</i> . 1997 Apr;195(4):311-5
	B3	Hannan AJ, et al. "Structural compartments within neurons: developmentally regulated organization of microfilament isoform mRNA and protein." <i>Mol Cell Neurosci</i> . 1998 Aug;11(5-6):289-304
	B4	Herman IM. Actin isoforms. <i>Curr Opin Cell Biol</i> . 1993 Feb;5(1):48-55
	B5	Herman IM, et al. "Comparison of purified anti-actin and fluorescent-heavy meromyosin staining patterns in dividing cells." <i>J Cell Biol</i> . 1979 Mar;80(3):509-20.
	B6	Herman IM, et al. "Microvascular pericytes contain muscle and nonmuscle actins." <i>J Cell Biol</i> . 1985 Jul;101(1):43-52
	B7	Hoock TC, et al. "Beta actin and its mRNA are localized at the plasma membrane and the regions of moving cytoplasm during the cellular response to injury". <i>J Cell Biol</i> . 1991 Feb;112(4):653-64
	B8	Janmey PA, et al. "Modulation of gelsolin function by phosphatidylinositol 4,5-bisphosphate." <i>Nature</i> . 1987 Jan 22-28;325(6102):362-4
	B9	Kimura K, et al. "Hypertensive glomerular damage as revealed by the expression of alpha-smooth muscle actin and non-muscle myosin." <i>Kidney Int Suppl</i> . 1996 Jun;55:S169-72
✓	B10	Kislauskis EH, et al. "Isoform-specific 3'-untranslated sequences sort alpha-cardiac and beta-cytoplasmic actin messenger RNAs to different cytoplasmic compartments". <i>J Cell Biol</i> . 1993 Oct;123(1):165-72
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SSP	C1	Kislauskis EH, et al. Sequences responsible for intracellular localization of beta-actin messenger RNA also affect cell phenotype. <i>J Cell Biol.</i> 1994 Oct;127(2):441-51
	C2	Kureishi Y, et al. "Rho-associated kinase directly induces smooth muscle contraction through myosin light chain phosphorylation." <i>J Biol Chem.</i> 1997 May 9;272(19):12257-60
	C3	Lassing I, et al. "Specificity of the interaction between phosphatidylinositol 4,5-bisphosphate and the profilin:actin complex" <i>J Cell Biochem.</i> 1988 Jul;37(3):255-67
	C4	Meagher RB, et al. "Isovariant dynamics expand and buffer the responses of complex systems: the diverse plant actin gene family" <i>Plant Cell.</i> 1999 Jun;11(6):995-1006
	C5	Miki H, et al. "N-WASP, a novel actin-depolymerizing protein, regulates the cortical cytoskeletal rearrangement in a PIP2-dependent manner downstream of tyrosine kinases." <i>EMBO J.</i> 1996 Oct 1;15(19):5326-35
	C6	Otey CA, et al. "Immunolocalization of muscle and nonmuscle isoforms of actin in myogenic cells and adult skeletal muscle." <i>Cell Motil Cytoskeleton.</i> 1988;9(4):337-48
	C7	Otey CA, et al. "Immunolocalization of the gamma isoform of nonmuscle actin in cultured cells." <i>J Cell Biol.</i> 1986 May;102(5):1726-37
	C8	Potter DA, et al. "Calpain regulates actin remodeling during cell spreading". <i>J Cell Biol.</i> 1998 May 4;141(3):647-62
	C9	Pinder JC, et al. "Concentrated Tris solutions for the preparation, depolymerization, and assay of actin: application to erythroid actin" <i>Anal Biochem.</i> 1995 Mar 1;225(2):291-5
	C10	Sanders LC, et al. "Inhibition of myosin light chain kinase by p21-activated kinase." <i>Science.</i> 1999 Mar 26;283(5410):2083-5
✓	C11	Schafer DA, et al. "Dynamics of capping protein and actin assembly in vitro: uncapping barbed ends by polyphosphoinositides." <i>J Cell Biol.</i> 1996 Oct;135(1):169-79
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SSP	D1	Schevzov G, et al. "High level expression of transfected beta- and gamma-actin genes differentially impacts on myoblast cytoarchitecture." <i>J Cell Biol.</i> 1992 May;117(4):775-85
	D2	Schroer E, et al. "Purification and characterization of a protein from chicken gizzard, which inhibits actin polymerization." <i>Eur J Biochem.</i> 1985 Dec 16;153(3):515-20
	D3	Shuster CB, et al. "Indirect association of ezrin with F-actin: isoform specificity and calcium sensitivity." <i>J Cell Biol.</i> 1995 Mar;128(5):837-48
	D4	Shuster CB, et al. "Beta cap73: a novel beta actin-specific binding protein". <i>Cell Motil Cytoskeleton.</i> 1996;35(3):175-87
	D5	Symons M, et al. "Wiskott-Aldrich syndrome protein, a novel effector for the GTPase CDC42Hs, is implicated in actin polymerization." <i>Cell.</i> 1996 Mar 8;84(5):723-34
	D6	The TIGR Human Gene Index (HGI) HGI THC Report: THC186491, http://www.tigr.org/docs/scipts/tc_report.pl
	D7	The TIGR Human Gene Index (HGI) HGI THC Report: THC244788, http://www.tigr.org/docs/scipts/tc_report.pl
	D8	The TIGR Human Gene Index (HGI) HGI THC Report: THC213238, http://www.tigr.org/docs/scipts/tc_report.pl
	D9	von Arx P, et al. "Dominant negative effect of cytoplasmic actin isoproteins on cardiomyocyte cytoarchitecture and function." <i>J Cell Biol.</i> 1995 Dec;131(6 Pt 2):1759-73
	D10	Watanabe N, et al. "p140mDia, a mammalian homolog of Drosophila diaphanous, is a target protein for Rho small GTPase and is a ligand for profilin." <i>EMBO J.</i> 1997 Jun 2;16(11):3044-56
	D11	Yang N, et al. "Cofilin phosphorylation by LIM-kinase 1 and its role in Rac-mediated actin reorganization." <i>Nature.</i> 1998 Jun 25;393(6687):809-12
	D12	Yao X, et al. "Ezrin-calpain I interactions in gastric parietal cells." <i>Am J Physiol.</i> 1993 Jul;265(1 Pt 1):C36-46

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